



20060927258001

100

1/15

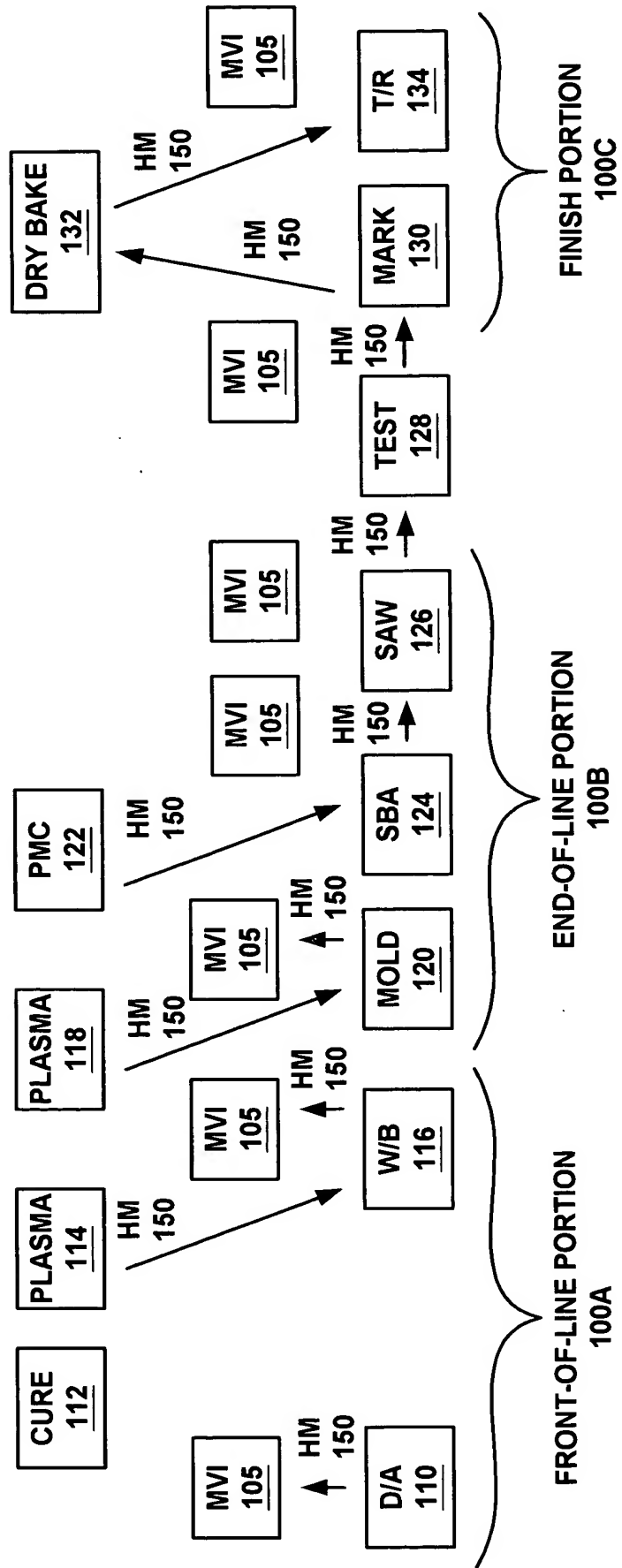


FIGURE 1



USPN: 10/085,716

200660" 9T 25800T

200

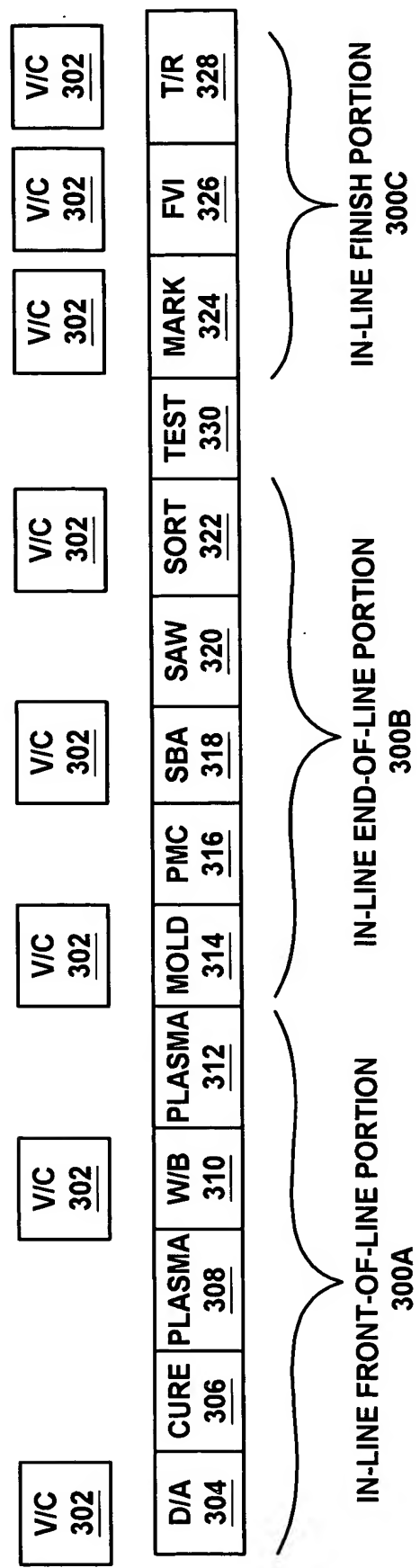


FIGURE 2



200660" 9T 25800T

IN-LINE FRONT-OF-LINE PORTION  
300A

V/C  
302

V/C  
302

D/A 304	CURE 306	PLASMA 308	W/B 310	PLASMA 312
------------	-------------	---------------	------------	---------------

FIGURE 3A



TITLE: A METHOD OF PERFORMING BACK-END MANUFACTURING OF AN INTEGRATED CIRCUIT DEVICE

Inventor (s): Thurman J. Rodgers, Bo So n Chang

Attorney Docket #: CYPR-PM01010

US Patent 10/085,716

4/15

20060907 9T25800T

IN-LINE END-OF-LINE PORTION  
300B

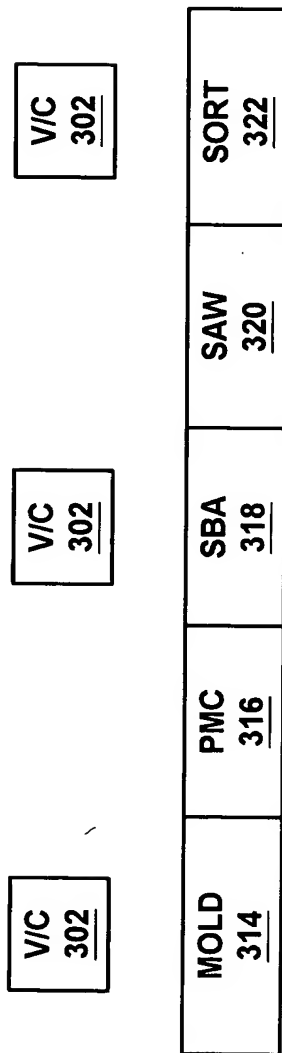


FIGURE 3B



TITLE: A METHOD OF PERFORMING BACK-END MANUFACTURING OF AN INTEGRATED CIRCUIT DEVICE

SEP 30 2002

USPN 10/085,716

Inventor(s): Thurman J. Rodgers, B. S. Chang

Attorney Docket #: CYPR-PM01010

5/15

20020930 9T25800T

IN-LINE FINISH PORTION  
300C

V/C 302	V/C 302	V/C 302
MARK 324	FVI 326	T/R 328

FIGURE 3C

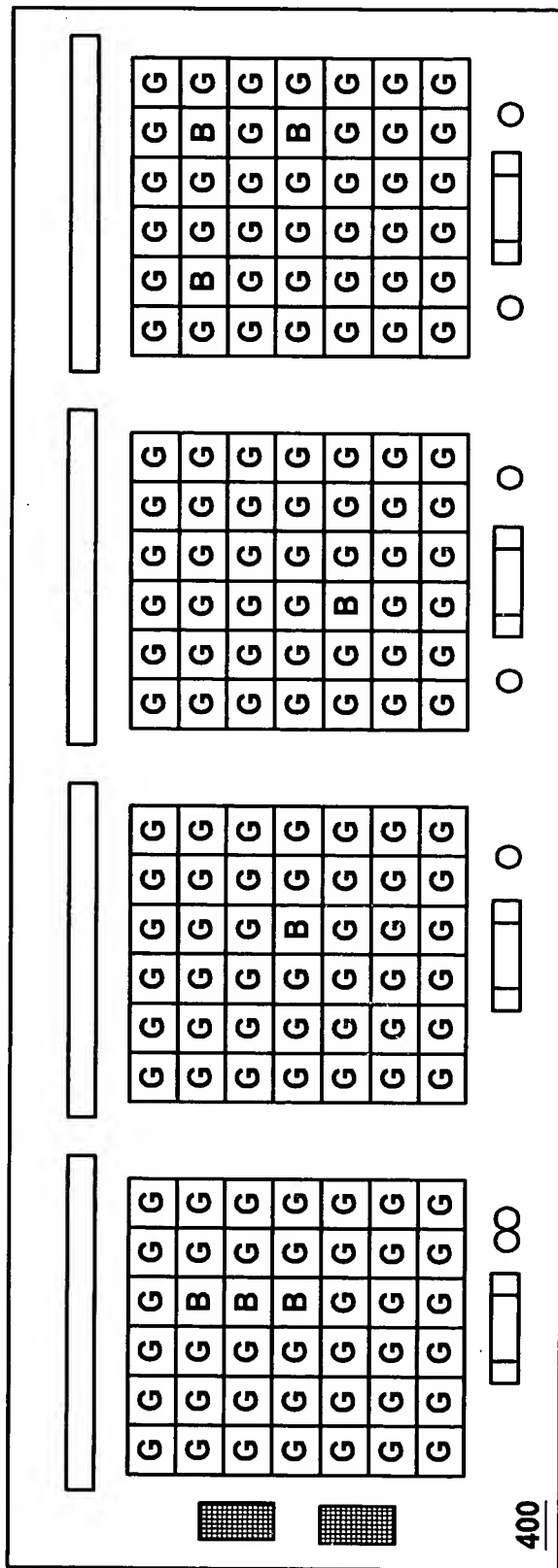


FIGURE 4

200660-9T25800T



TITLE: A METHOD OF PERFORMING BACK-END MANUFACTURING OF AN INTEGRATED CIRCUIT DEVICE

Inventor (s): Thurman J. Rodgers, Bo S n Chang

Attorney D cket #: CYPR-PM01010

USPC: 10/085,716

7/15

2006092725800T

500

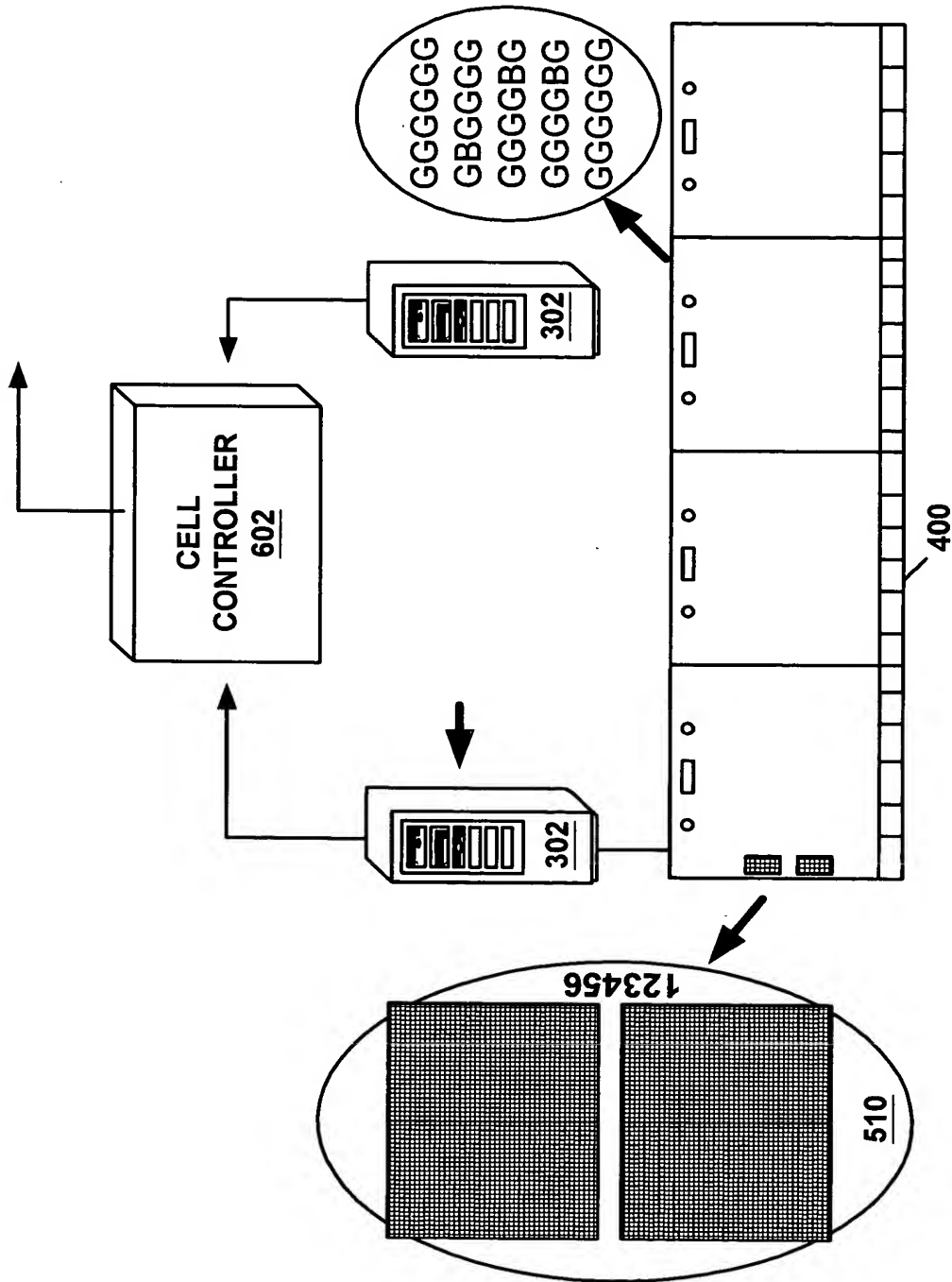
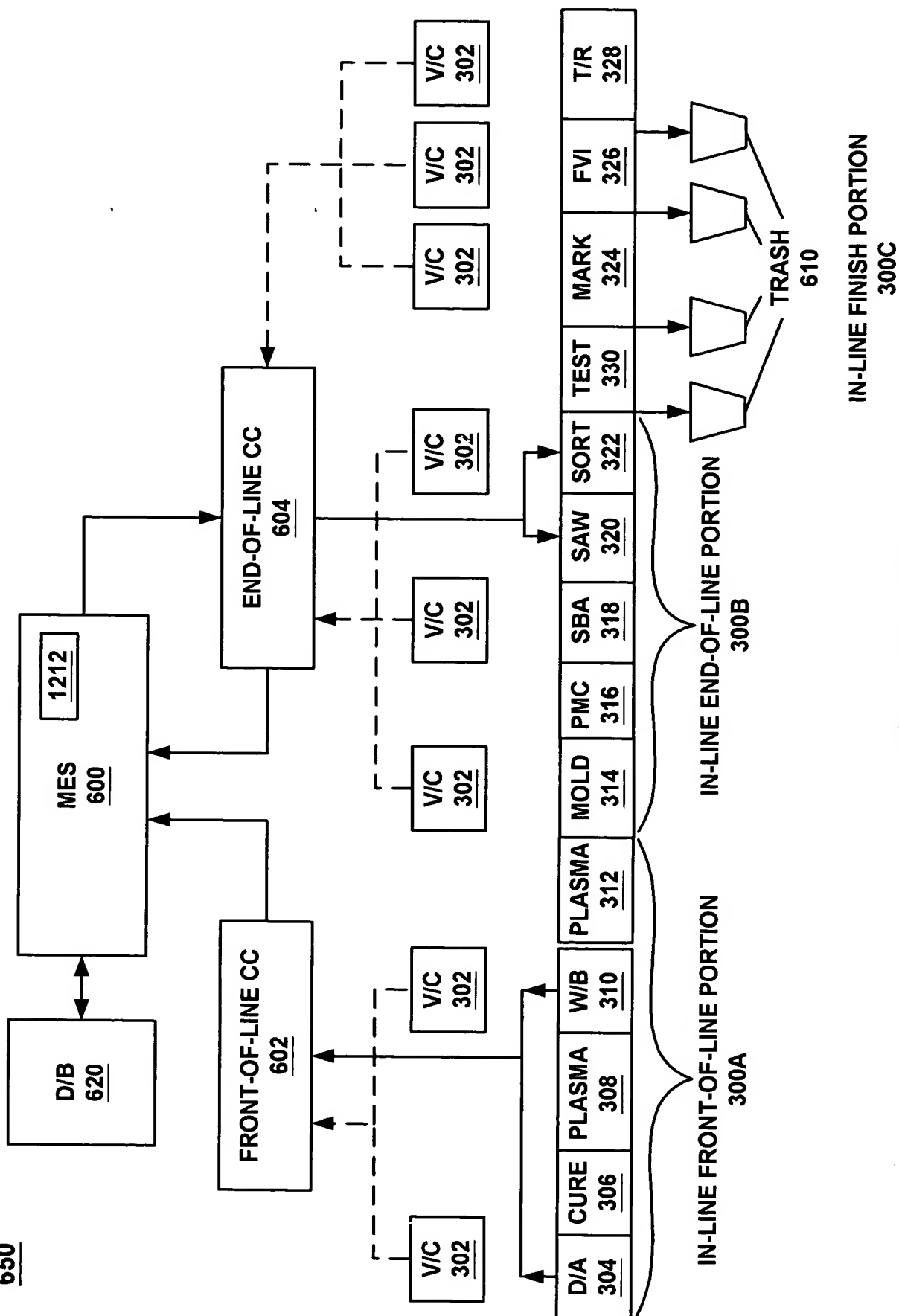


FIGURE 5

100515-000000

650



# FIGURE 6





TITLE: A METHOD OF PERFORMING BACK-END MANUFACTURING OF AN INTEGRATED CIRCUIT DEVICE  
Inventor (s): Thurman J. R d g rs, B Soon Chang  
US Patent #: 10/085,716

Attorney Docket #: CYPR-PM01010

9/15

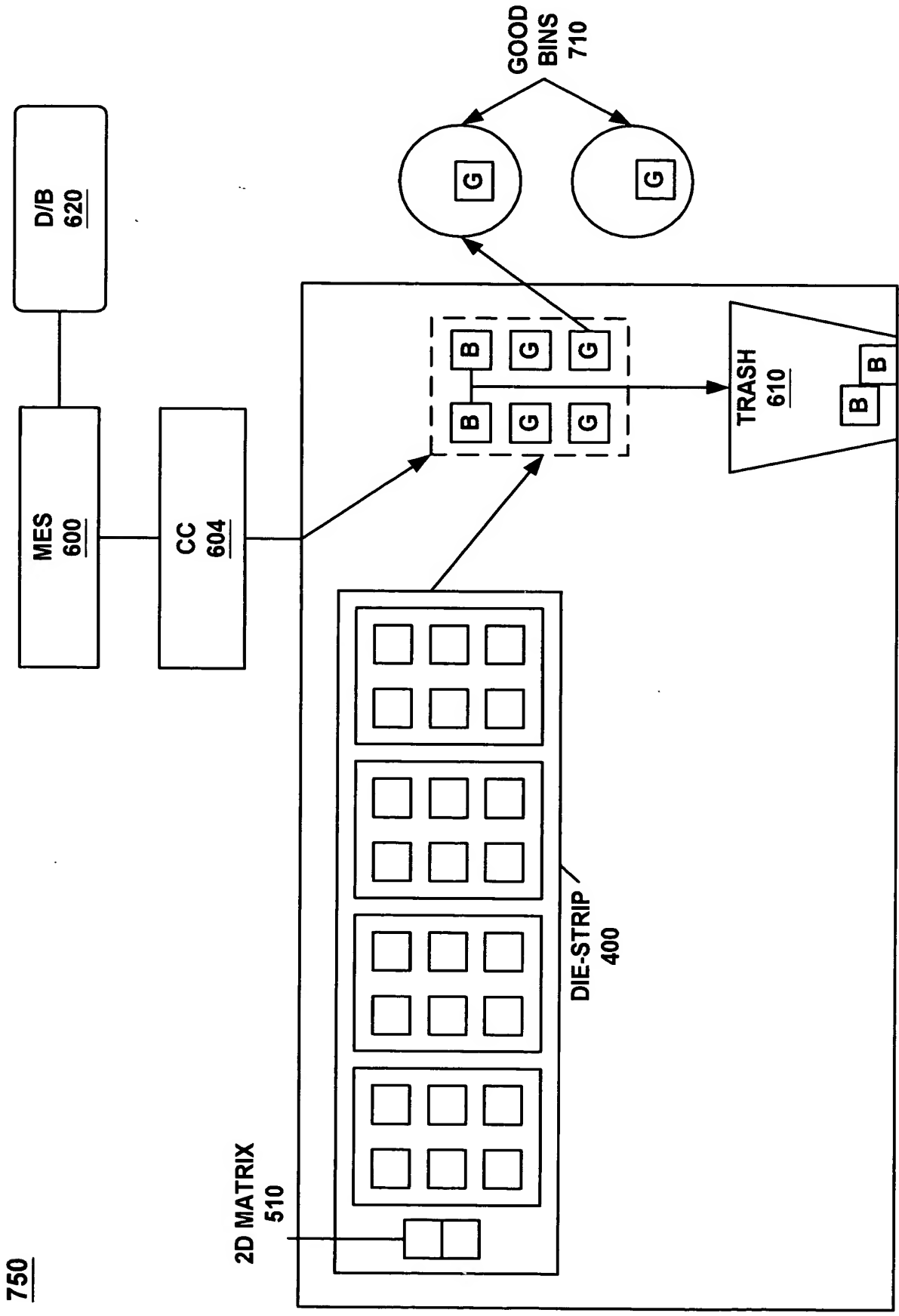


FIGURE 7

750

2002092500T



800

START

PROCESSING A DIE-STRIP THROUGH A FRONT-OF-LINE ASSEMBLY PORTION WHICH COMPRISES A PLURALITY OF SUB-STATIONS OPERATING ON AN IN-LINE BASIS.

802

AUTOMATICALLY PROVIDING THE DIE-STRIP TO AN END-OF-LINE ASSEMBLY PORTION.

804

PROCESSING THE DIE-STRIP BY THE END-OF-LINE ASSEMBLY PORTION WHICH COMPRISES A PLURALITY OF SUB-STATIONS OPERATING ON AN IN-LINE BASIS.

806

AUTOMATICALLY PROVIDING THE DIE-STRIP TO A TEST ASSEMBLY PORTION.

808

TESTING THE DIE-STRIP USING THE TEST ASSEMBLY PORTION.

810

AUTOMATICALLY PROVIDING THE DIE-STRIP TO A FINISH ASSEMBLY PORTION.

812

PROCESSING THE DIE-STRIP BY THE FINISH ASSEMBLY PORTION WHICH COMPRISES A PLURALITY OF SUB-STATIONS OPERATING ON AN IN-LINE BASIS.

814

END

**FIGURE 8**

10085716-093002



11/15

900

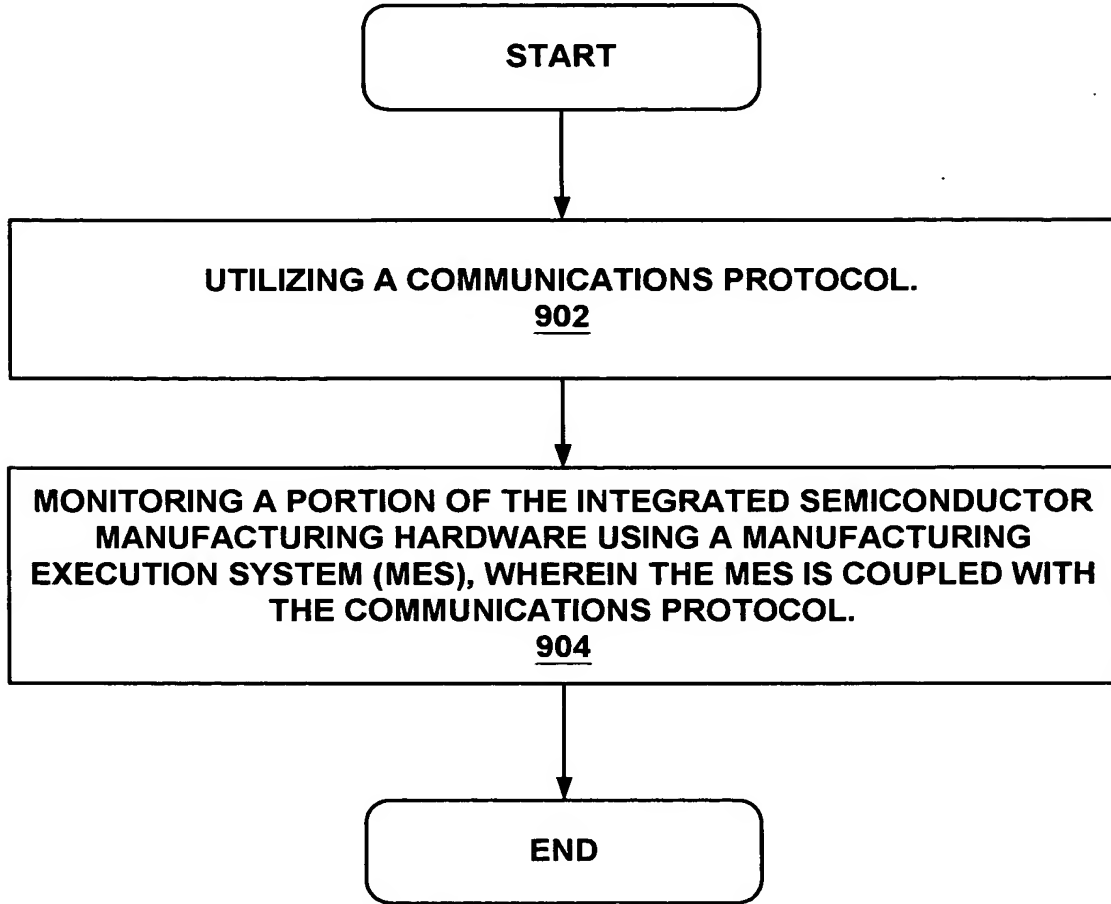


FIGURE 9

10085745-093002



12/15

1000

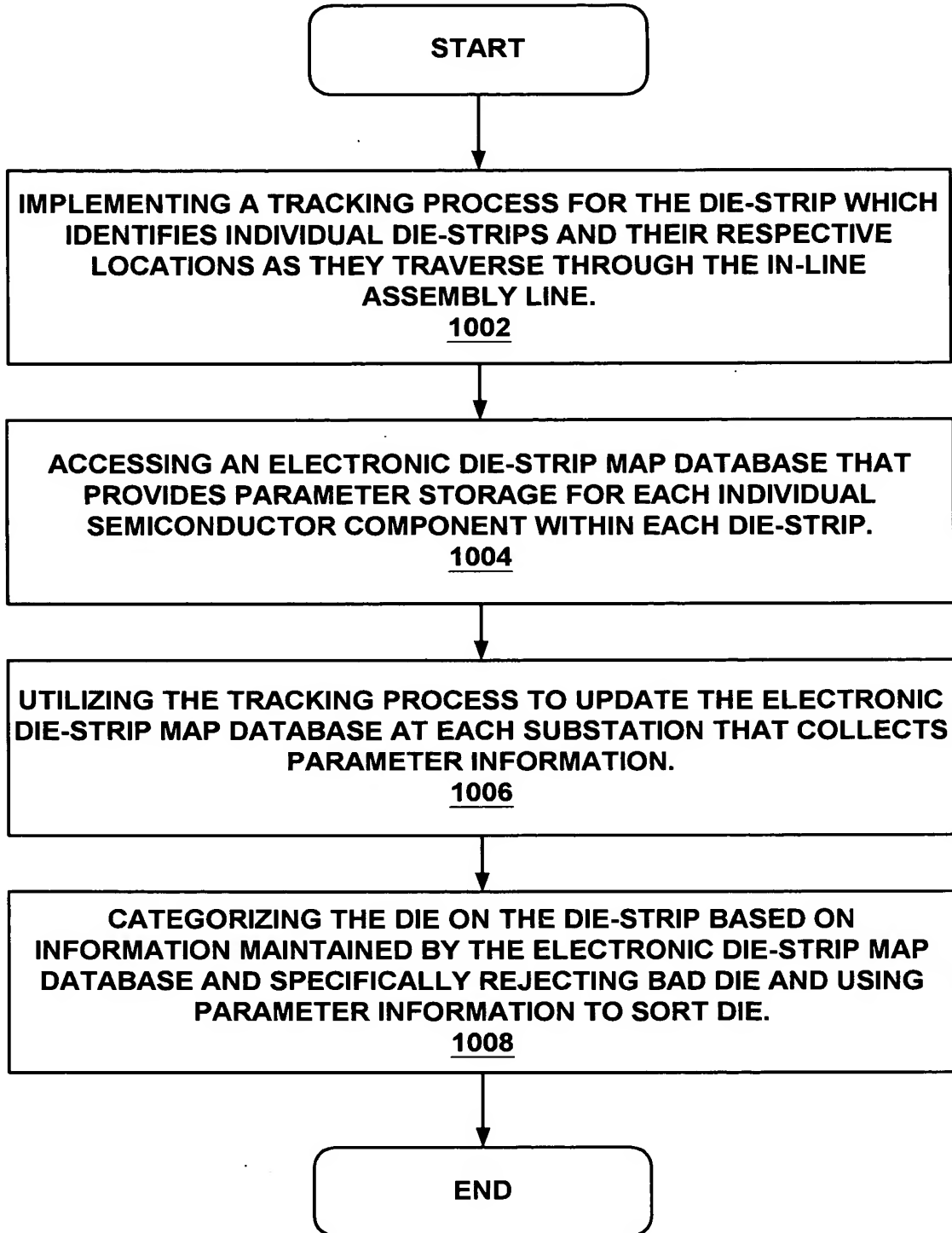


FIGURE 10



13/15

1100

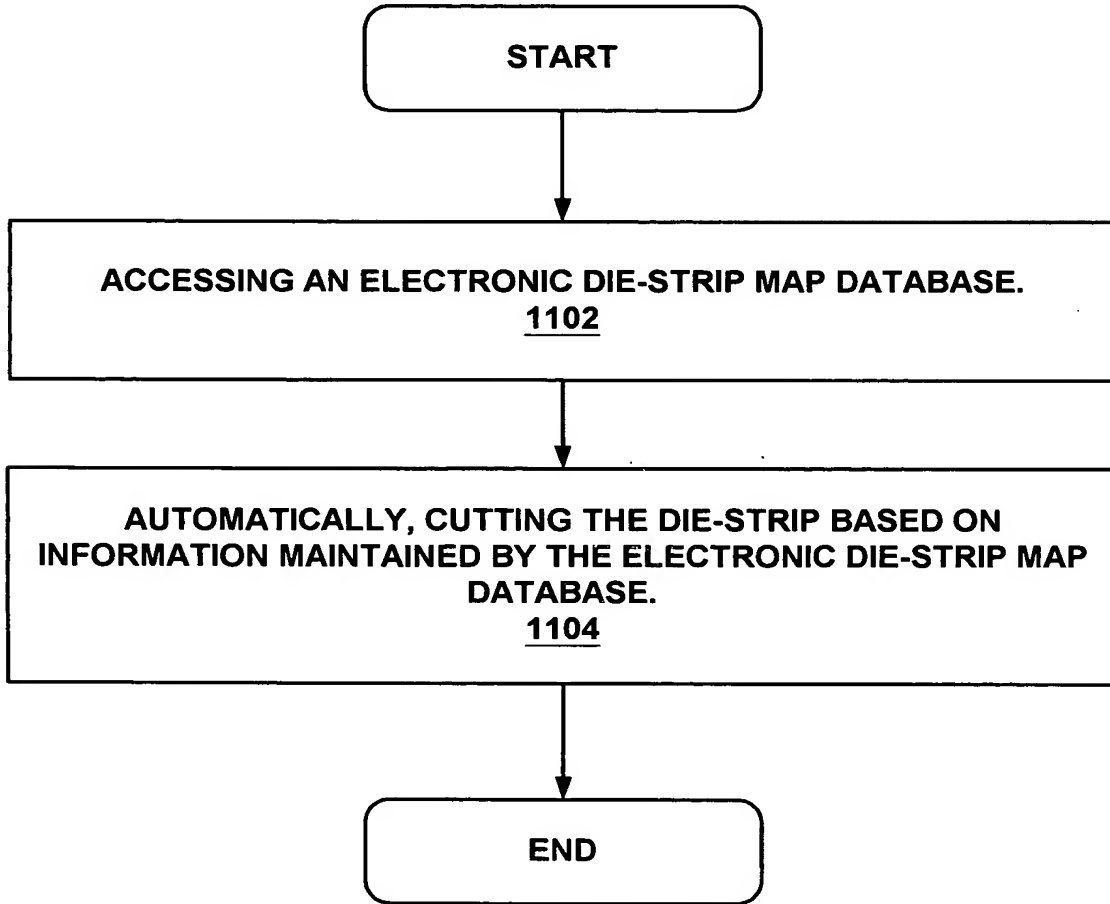


FIGURE 11

10085716-093002



1200

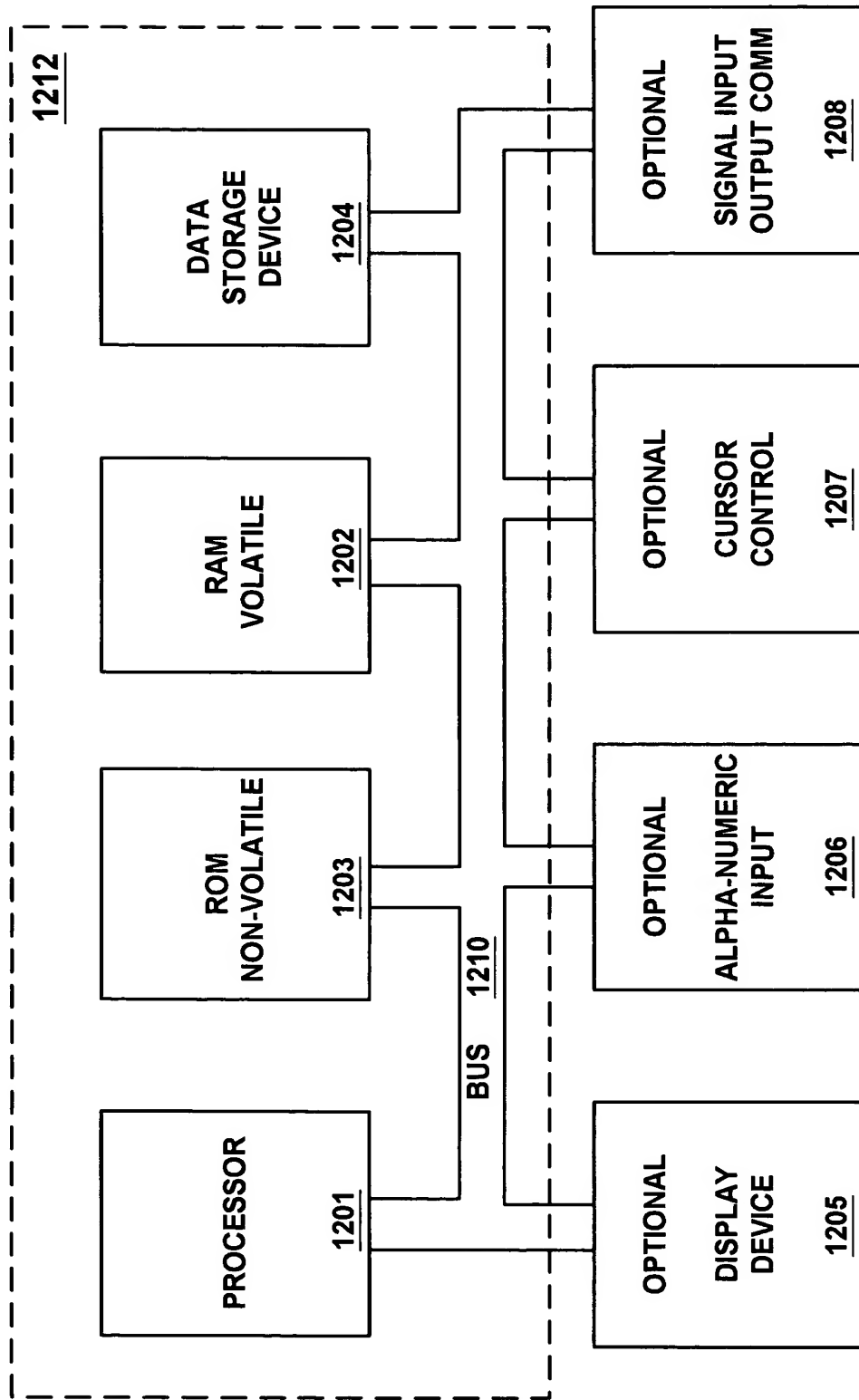


FIGURE 12



1350

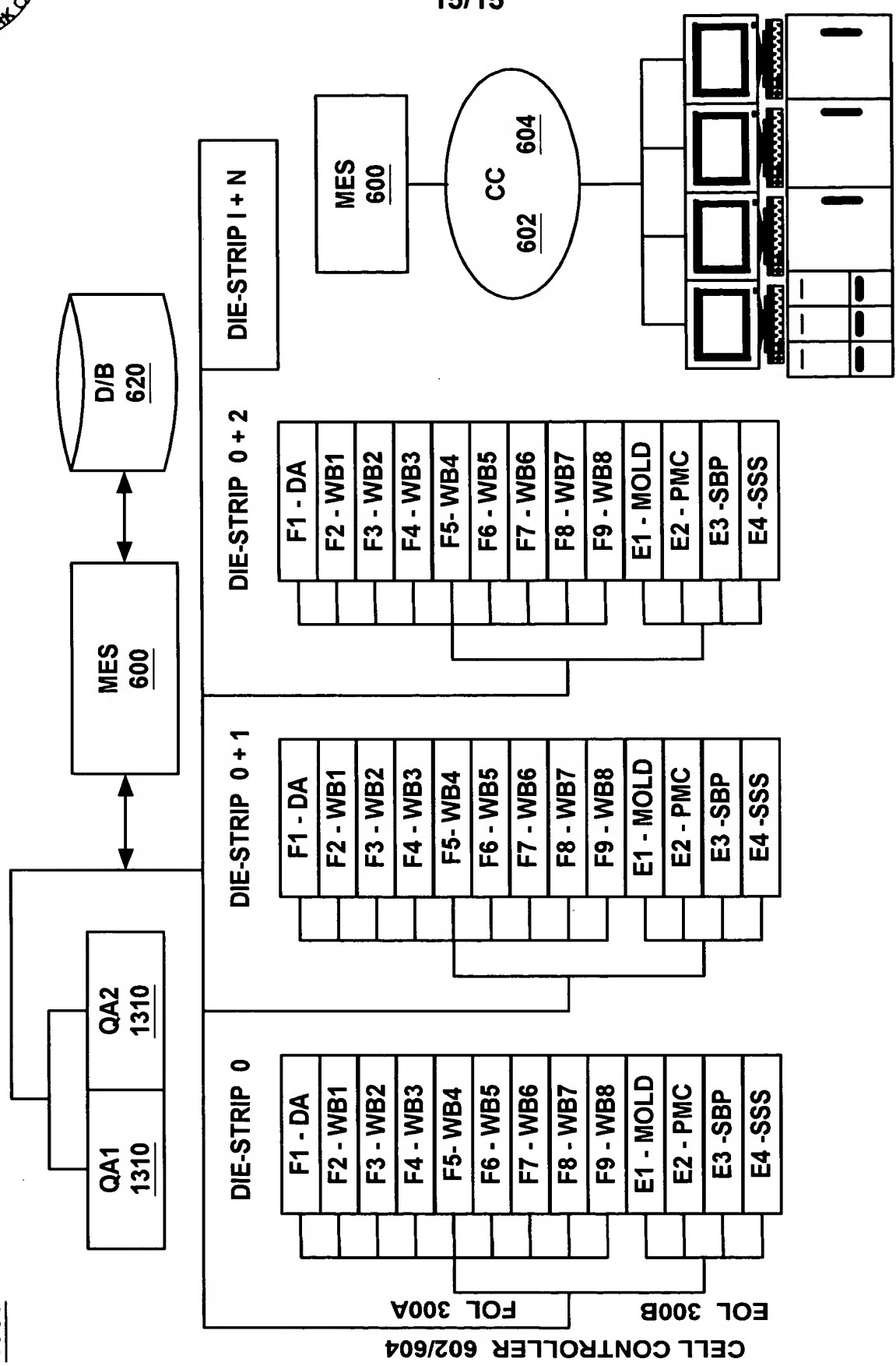


FIGURE 13